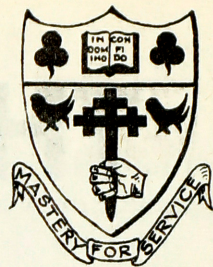


Mail-He Times



VOL. 19 NO.14

FEBRUARY 15, 1957

10TH ANNUAL ROYAL BIGGEST YET

The Royal has become one of the largest student functions of the college year. However, it would be undemocratic for us to assume full credit for the size success and high standard of this annual show. Only by the careful plans and firm foundation laid down by our predecessors, are we able to produce a show of the present calibre,

This is a fast moving world we are living in today. The inventions and discoveries experienced by the present generation are almost unbelievable. However, Macdonald College is keeping pace with this rapid motion in her three schools of Agriculture, Education and Home Economics. Upon graduation from this institution, the knowledge acquired while here will be put to sound use in that it will be the duty of each student to serve the public in their various fields.

Since the Royal is purely a student effort, and since it displays originality, administration and showmanship, we feel that it is the first step in providing training which is necessary for students to become of public service. It also provides an opportunity for each student to display the discoveries and advances in their various fields.

As Sir William Macdonald, our founder, laid the corner stone for this college, he foresaw the students in their present role and would certainly be proud of the progress made possible through his efforts.

Again I say the student or professor cannot assume the entire credit for the advancements here at the college. The rural population must
(con't page 5)

THE FAULT-YE TIMES

Published Weekly by the Board of Publications
Macdonald College, Quebec.

The opinions expressed herein are those of the Editorial staff and not necessarily those of the Students' Council.

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EDITORIAL

February 15th---nominations for the Students' Council begin. February 22nd
---nominations cease. March 1st---election of Students' Council.

How many students have considered nominees for the Students' Council? How many students know what these positions entail to those elected? We would suggest that careful consideration be given to these factors, for the ones we elect on March 1st., are the ones who will be our leaders next year. They are the ones who will impose self-government. Their decisions are final. Their actions will speak for the College. Self-government is a privilege that we, the students, enjoy; a privilege that can easily be lost through negligence or stupidity. We are indeed proud of our system of self-government. Let us maintain-or better-the standards set by our forerunners by carefully and scrupulously electing our future leaders.

We are faced with a particularly difficult problem, common to any small college; that of electing from a small minority of willing students, those who will fill the positions on the council and perform their duties to the best of their ability. We therefore appeal to those who could capably fill the positions but are not willing; we applaud and encourage those who are willing, willing to accept and learn, and lastly we abhor those who are willing to accept, but who, capable or otherwise, intend to do no more than sit back and enjoy the privilege of being on the council.

Do not feel that our duties end with the election of the council. Effective

and efficient self-government can only be realized through the co-operation of the student body as a whole. In electing your candidates be prepared to stand behind and to support them throughout their term of office.

A.H. Fulford.

Box 3000,
Macdonald College.

Editor-in-Chief,
Fait-Ye-Times.

Dear Sir:-

I would like to lodge a complaint through you, or should I say through Student Publications. It is, I believe, a complaint which should have been lodged some time ago, and has to do with the conduct of the Student Teachers in the Coffee Shop.

As is well known, the commuters use the Coffee Shop, at noon hour, to eat lunch. No one minds this, that is what the Coffee Shop is there for, to serve the student. What is deplorable is the condition in which these people leave the Coffee Shop. There is an unwritten rule which says that you return empty bottles, plates and bowls to the counter. This is not observed. There is a written rule which says papers and lunch bags, etc. must be placed in the baskets provided. This is not observed either. Indeed it is extremely doubtful if any of the common sense rules governing the use of the Coffee Shop are observed. After these people are through with it, the place literally has to be closed to clean it up. There is so much garbage on the floor that one has to scuff through it to reach the counter. The tables are filthy, with spilt milk, overturned ashtrays, and what not.

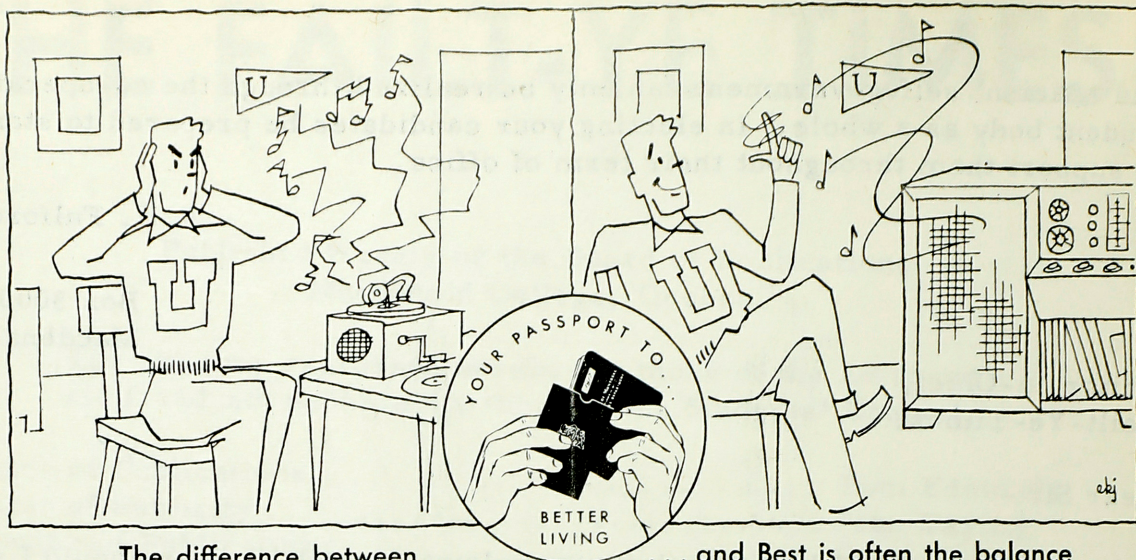
This, sir, has to be stopped. I believe that a complaint should be lodged by the proper authorities, with the Student Teacher executive, and if no positive results are obtained, the use of the Coffee Shop be denied them.

There is no excuse for this conduct other than just plain ignorance of how to behave in a civilized manner, or perhaps they just don't give a damn. The latter, I think, is perhaps the case. After all, these are the teachers of tomorrow, and to be able to teach how to live in civilization, they themselves must know how.

I trust that some person, responsible for the Coffee Shop, will take action soon. If they don't, we won't have a Coffee Shop much longer.

Yours in protest,

Robert D. Hamilton.



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STUDENTS' COUNCIL MEETS UNDER COLD CONDITIONS

February 12th

With temperatures well below that conducive to comfortable conditions the members of the Council turned up their collars, donned gloves (where available) and huddled into their seats as the President called the meeting to order. Matters arising from the minutes were dealt with first.

Last week, it was suggested that another Doctor be available at the Infirmary in the event of Dr. Fortier being unable to attend. Investigation into this matter revealed that the Infirmary has the power to call any Doctor should Dr. Fortier be unavailable.

The President of the Students' Recreation Centre reported that furniture to the value of \$478.11 had been installed in the Smoker. Further, he requested that funds be approved for the purchase and installation of drapes in said room. These drapes are such that they may be adapted to any room. (The possibilities of getting a new Recreation Center were in mind!)

The budget and date of the Junior Prom was presented for approval. The budget, \$400.00, was approved but the date led to some discussion since it conflicted with the proposed date for the change of office of the Council. The result, however, is that the date of changing of office be set for March 20th., permitting the Prom to be held on March 22nd.

The Director of Publications then brought up the matter of obtaining a Stewart Fund for Publications. This fund would defray costs arising from Capital Expenditure which could not be budgeted for. A committee consisting of three faculty members and three students would govern the use of these funds. Approval of the Council would not be necessary. This led to considerable discussion with no final decisions being decided. The matter was tabled until the next meeting of the Council allowing members time to consider the matter.

A report from Bob Smith revealed that the Hungarian Relief Fund had reached the sum of \$308.75. A request was made that the Council approve the sum of \$91.25 for this fund to bring the total to \$400.00.

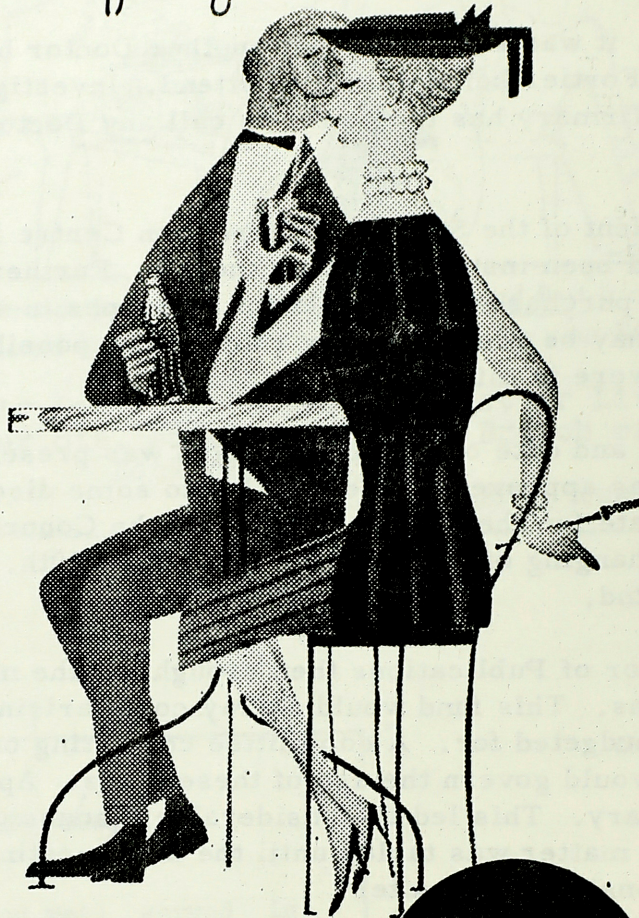
Before adjourning, the President suggested that the possibilities of obtaining a radiator for the Council room be investigated!

(Royal, con't from page 1)
participate if this knowledge is to be put into practical service. Thus I wish to take this opportunity to welcome you all to the Royal and hope that you not only enjoy it, but leave at the end of the day feeling that you have benefited in some small way and will continue to return in the future.

I also want to extend a special welcome to the high school students and hope that some of you will return in the future as students of Macdonald College.

A.R. Marshall
President, Macdonald Royal.

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FOUNDER'S DAY, 1957

Our illustrious Founder, Sir William Macdonald was born on February 10, 1831, and in tribute to his memory, Founder's Day is celebrated each year on or about this date. This year, the event was commemorated on Monday, February 11.

As usual, there were no afternoon classes, and in the evening, we were honoured by the presence of Mrs. Walter M. Stewart, Mr. David Stewart and our principal, Dr. James, who came to celebrate the event with us.

In place of the usual supper, we were provided with a superb chicken dinner with all the accoutrements, after which there was some light entertainment in the Dining Hall. Songs were sung by Bob Cecil and Ernest Turner, masterfully accompanied on two guitars by Gerald Dunlop and Frank von Crosbeck, a brief sing-song followed, led by Don Wood, with music provided by Margaret van Duzer, Paul Reens and John van Loon.

The Founder's Day Concert in the evening was given by Rolly Rolls, a French Pianist-Comedian, assisted by Fred Stamer on a second piano.

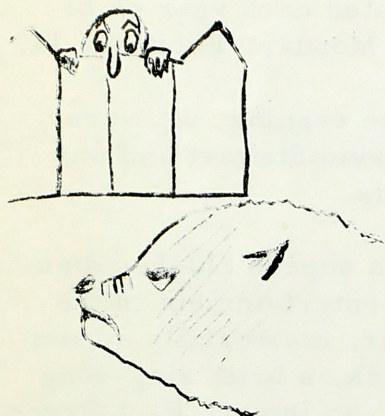
Mr. Rolls was, potentially, a good entertainer, and quite a good pianist, but, possibly because of his great hurry to catch a 'plane shortly after the concert, neither of these talents seemed to be realised to their full advantage.

The concert began with a musical "World Tour" in which representative examples of music of various countries were played. Two of these, Gypsy Song, representing Budapest, and the Blue Danube, as a Viennese example were brilliantly played on a concertina, much to the delight of the audience; the others being performed on the piano. The remainder of the first half was devoted almost entirely to jokes and clowning at the piano, during which time the piano received some rough treatment, having the lid slammed several times, and having various objects placed on the strings to give a harpsichord effect. One item which caused considerable amusement was a demonstration of the behaviour of various types of pianists.

After the intermission came an anticlimax. The antics continued and became somewhat tiresome, so much so that we found ourselves hoping that at least one piece of music would be played throughout in the conventional manner. This was finally granted by a fairly creditable performance of Liszt's Hungarian Fantasy, the orchestral part being played by Mr. Stamer. Unfortunately, by this time, people were so used to laughing, that the piece was well on its way before the audience apparently were aware that it was not intended to be riotously funny.

The concert finally came to an end with a delightful Medley of French Songs, played brilliantly on both pianos.

"JUST CHADDING"



"Well!" said Chad the other day, "I'm certainly glad to see you're back to normal". "Whadda ya mean," I retorted, "since when haven't I been normal?" "During exams, of course, and after when you were waiting for your marks. You were just like a frosty old bear in a cave." "Well", I replied, "what do you expect then, roses?" "Never mind," he said, "Forget it. I've got at least one juicy little note that I've been saving up." "I suppose you want me to type them up and send them in to Ye Olde Editor for you, eh?" "Yep" was all the ingrate said. "Well, I won't, I won't, I won't" I screamed, "I'm not your servant and besides I'm busy". "Oh yes you will," was the reply, "or I'll do it myself and I've got more stuff on you than I'd care to mention." Well here they are:-

It seems that Mary Lee Fox and Richard Poque went to church together some time ago, and as is his custom the Reverend met them at the door, on their way out. As they moved forward to say hello, he swept them, up and down, with a puzzled look and said, "Mr. and Mrs. Who?"

Chad was hanging by his feet from the struts over the stage the other night and he asked me to ask Marg van Duzer who her friend is. He says he doesn't like his looks...too hairy, and his manners are atrocious. You don't get the joke, well don't worry about it, neither did I.

Chad also wanted me to congratulate the choreographer in her choice of the dancing girls for the Green and Gold. He says he could sit down front, with Tom Edmonds, and watch them all night.

What, pray tell, is wrong with Gordie McEacheran's car. It seems to have a psychosis, towards blowing its own horn. Gordie passed Chad the other night with the old horn going full out. Chad says he has never seen a car stop so fast and a man get out and under the hood so fast as Gordie did. After some violent movement and molten words the noise stopped, and the car moved on. You should take it to a psychiatrist, Gordie, it needs help.

Chad also wants to know why we tolerate the children on the campus after the exhibition they put on at the snow sculptures. That, he says, was not only disgraceful but downright disgusting. After all the work the boys put in on them the Staff let their children tear them down. Do you know, he continued, that people came from as far as Montreal on one side and Vaudreuil on the other to see them? I move that we put an electric cattle fence around them next year, at least for the week they're being made and one week after they're finished. Do the staff know what their kids are doing? I'm sure that they wouldn't allow it if they knew.

Well, Chad has finally gone, and I can get back to my work. Thank goodness. But if I know him he'll be back next week, worse luck. We'll see you then. Oh, by the way, he told me to say "Good Luck, Green and Gold"

TENTH MACDONALD COLLEGE ROYAL PROGRAMME

- 9.00 a.m. - Opening of the Judging of Livestock Showmanship Competition in the Judging Pavilion.
- 9.30 a.m. - Judging of the Booths in the Men's Gymnasium.
- 10.30 a.m. - Official opening of the Royal and Crowning of the Queen in the Men's Gymnasium. Announcement of the winner of the Booth Competition.
- 11.00 a.m. - Meeting of High School students in Assembly Hall.
Electronic Range Demonstration in Main Bldg. Rm. M258
- 1.00 p.m. - Resuming Livestock Judging Competition.
- 1.15 p.m. - Electronic Range Demonstration in Main Bldg. Rm. M258
- 1.30 p.m. - 3.30 p.m. - Agronomy Seed Judging Competition. Open to all students, Room A138, Agricultural Building.
- Fruit Judging Competition. Open to all students and public, Room A158, Agricultural Building.
- 1.30 p.m. - 4.00 p.m. - Poultry Judging Competition. Open to all students, Poultry Building.
- 2.15 p.m. - Fashion Show, Assembly Hall.
- 3.00 p.m. - Electronic Range Demonstration in Main Bldg., Rm. M258
- 3.15 p.m. - Demonstration of Sandwiches, canapes and hors d'oeuvres, Room M250, Main Building.
- 3.15 p.m. - 3.45 p.m. - Puppet Show, Room M162, Main Building.
- 3.15 p.m. - 5.00 p.m. - Tea in Home Management Apartment, Main Building, 3rd Floor.
- 3.30 p.m. - Organ Music, Assembly Hall.
- Competition for Championship in Livestock Showmanship in Judging Pavilion.
- 4.00 p.m. - Electronic Range Demonstration in Main Bldg. Rm. M258
- 4.30 p.m. - Sale of Apple Pies, Room M256, Main Building.
- 5.30 p.m. - Presentation of Prizes and Trophies at the "Green and Gold" in Assembly Hall.

OPENING NIGHT OF THE GREEN & GOLD OF '57

WILL BE HERE SOON

*** **

STARTING TUESDAY, FEBRUARY 19th.,

THE STUDENTS OF MACDONALD COLLEGE, UNDER THE AUSPICES OF THE
LITERARY AND DEBATING SOCIETY WILL PRESENT:-

"ON THE WAGON"

A NEW MUSICAL COMEDY STAGE SHOW

WITH ORIGINAL WORDS AND MUSIC

DATES:- Tues, Feb.19th; Wed, Feb.20th; Thur, Feb.21st; Fri, Feb.22nd.

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SEE THE BULLETIN BOARD FOR TIMES AND PLACES

The Canadian Red Cross Mobile Blood Donor Clinic paid its annual visit to the college on Wednesday, Feb. 6th, and, as on previous occasions, set up operations in the Men's Gym.

Throughout the day donors cheerfully and heartily gave of their life giving stream to a worthy cause but in the final analysis, the results not only showed a drop over last year's record total of 318 pints but was much below the anticipated figure. The official returns for this year with the class percentage for last year are given below:-

	<u>Eligible Donors</u>	<u>Actual Donors</u>	<u>Percentage</u>	<u>Previous Year %</u>
Dips & Hmkrs.	30	24	80	100
Frosh	49	37	76	56
Sophs	54	39	74	75
Juniors	75	28	37	52
Seniors	64	30	46	46
Teachers	315	86	27	46
Post Grads	73	7	10	17
TOTALS	660	251	38	

Contributions by the staff and other donors brought the total collection to 295 pints. The figures showed an appreciable decrease of donors in nearly all cases and while great appreciation was expressed for all those who so willingly gave, there was evident disappointment that only 38% of the eligible donors responded.

However, Mac has again played her part and the nurses and volunteers of the Red Cross as well as all those who helped in organizing and contributing can feel justly proud of their efforts.

DID YOU NOTICE?

Did the Failt-Ye appear different to you this week when you picked it up in the Foyer? If it didn't then turn back to page one and examine the title heading of the paper. Different, isn't it?

We would like to use this medium to extend to Prof. W.E. Whitehead (retired) our appreciation in having designed and printed this new title. Prof Whitehead, apart from all else is recognized for his ability to write the Old English method. Not only is his ability recognized by Macdonald College, but he used to print, in free hand, most of the diploma papers that graduates of McGill receive (Macdonald included). The war memorial books that grace the glass cases at the entrance to the library are also the work of Prof. Whitehead. We on the editorial board of the Failt-Ye feel extremely honoured in having Prof. Whitehead print the new title.

No doubt, some of you will be wondering why it was necessary to change from the old title in the first place. The most outstanding reason for this is, perhaps, that the old title was superimposed over the crest; a grave printing error, so I'm led to believe. This was excusable, however, due to the unbalance of the words 'Failt-Ye Times'. To combat this, Prof. Whitehead suggested that we place the crest on one side and balance it on the other with the tower; also symbolic of Macdonald College.

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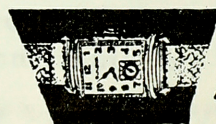
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FEATURES

THERE'S NO BUSINESS -----!

There are a group of students on this campus who, at present are engaged in one of the most back-breaking, time-consuming, thought-provoking jobs that any group of students would care to undertake. They are a group that receive all too little credit for their labour and skill. A very small amount of their work is ever seen, although the effect of such is one of the most important factors contributing to the success of what may be termed, the ultimate in student achievement. Reference is made, of course, to the stage crew of the 'Green and Gold'.

You may have noticed on several occasions two students struggling along the corridor in the Main Building, trying to manoeuvre a 30 ft. long mass of wood and canvas around the corners and up the stairs to the Assembly Hall. Undoubtedly they were Gerry Donovan and Reg Wylie, both Dips in their second year at Macdonald. Or perhaps if you happened to look in at the Lit & Deb Studio on any afternoon or night, you would have noticed another fellow surrounded by paint cans and feverishly splashing paint onto huge pieces of canvas. That was Guntis Sukse, of artistic fame! Further, if you have been fortunate enough to get a look at the stage before its completion, you would have seen Tom Edmonds or 'R.D'. Hamilton precariously balanced on one of the beams over the stage, stringing a maze of wires or installing light bulbs by the dozens! Hugh Hanna, as stage manager, carries the responsibility of the stage. He must assure himself and the cast that everything works or will work on the nights of the performance.

Erecting the stage is only half the job. The most nerve racking moments for the stage crew are during the performance itself. They must not be seen or heard even though orders must be given and scenes changed in a minimum of time. An inter-communication system, which was installed by past students, has been improved with new equipment. This system connects Tom Edmonds, who sits in the audience, with Hugh Hanna, operating the curtains and back-drops, with 'R.D.' Hamilton, operating the light switches and variacs, (light dimmers) and with George Christie, the man behind the spotlight. The actions of all these must co-ordinate precisely in most cases, the cues coming from Tom who sees the show from an audience's point of view.

How can there be a fire without fire? How would you give the impression of a live cow or donkey on the stage? How would you make what looks quite real disappear before the eyes of your audience? These are a few of the problems that have faced our stage crew. We wish them luck on the nights of the performance.

THE SECOND EXPULSION

A Dirge

(Tune: "Sound the loud timbrel o'er Egypt's dark ocean",)

In the Maritime vales there is weeping and wailing,
There is gnashing of teeth in these lands by the sea,
For depression has withered the Pride of the Ocean,
And the roofs tumble in on our homes by the sea!

For a blight has come over the glens of Cape Breton,
The hills of New Brunswick and fair Avonlea,
Let the owls and the beaver inherit our homeland,
For no more can we dwell in our homes by the sea!

Gone, gone are the foxes from Prince Edward Island,
New Brunswick potatoes are going "for free",
And Newfoundland's codfish are left in the ocean,
And Kentville's red apples all rot on the tree!

For no one will purchase the fish of our ocean,
The coal of our mines or the fruit of the tree,
For GORDON has spoken; the death-knell has sounded,
There's nothing to do but to get up and flee!

Then sound the wild pibroch o'er Great Smoky Mountain,
Let it echo far out o'er the glimmering sea,
For Joe Howe, the great tribune, is naught but a memory,
And no more of his kind are we likely to see!

For we wanted no favours from great Walter Gordon,
NO - all that we asked was to just let us be;
But that wouldn't do - he was minded to SAVE us,
And to get us all out, was all he could see.

Now in jeeps, planes and trains we must head for Toronto,
To Hamilton, Galt, or Vancouver, B.C.,
Far out we must spread o'er the land of the maple,
But - we'll chase PROPHET GORDON right into the sea.

- W.H. Brittain.

Note: The Royal Commission on Canada's Economic Prospects (Gordon Commission) in its preliminary report, Jan. 1957, suggests that, owing to the hopeless economic plight of the Maritime region, its people should be given assistance to emigrate to the more favoured regions of Canada - unless, of course, they REALLY WANT to stay there.

SPORTS

WOMEN'S SPORTS

Intercollegiate Basketball:-

February 15 and 16 is the big weekend for the Women's Senior Basketball team. The tournament this year is being held at O.A.C. in Guelph. The Macdonald team will be leaving Ste. Anne's at 4:00 o'clock on Thursday, February 14. Their first game is on Friday afternoon against Carleton College from Ottawa. Following this game McMaster and O.A.C. will play, the losers of these two games will play a consolation game on Saturday morning. The winners will also play Saturday for the championship. The trophy which will go to the winners is the Mrs. Walter M. Stewart Trophy. It was donated last year by the Women's Athletic Association of Macdonald College. It was won by Macdonald in the final game against McMaster by a score of 33-30. Since this trophy has had a Macdonald up-bringing, it goes without saying that it should not be taken away from its established home. So come on girls, let's go and keep that trophy here.

Members of the team are:-

Judy Herder (capt.) 3rd year B.Sc.

Judy hails from Newfoundland and she has been at Macdonald for almost three years. This is her third year on the Senior basketball team. She played very well at Bishops last Saturday so we hope she keeps up her good work and helps us win the tournament this weekend.

Corrie Oomen - 1st year B.Sc.

Corrie is a new addition to our team this year. She is originally from Holland but has been living in Canada for seven years. She played on the Macdonald High School team last year. She is the tallest member of our team and when she gets under the basket nobody can guard her. So come on Corrie let's drive for that basket this weekend.

Audrey Copeland - Elementary Teacher.

Audrey is our hook shot artist from Lachute. She played for Lachute High School last year and has proved to be an asset to our Senior team, this year. Let's us keep it up Audrey and help bring back the cup.

Barbara Dore - Homemaker.

Barbara hails from Three Rivers. She is known for her one hand push shot. We hear that she is leaving the practice apartment to make the trip. After those good meals she should be in top condition. Come on Barb., let's win this tournament.



Sandra Rattray - Elementary Teacher

Sandra is from Hudson where she played for Hudson High School. Her long shots have made her the top scorer in the last few games. We hope she will continue her good work this weekend at Guelph.

Carol Katien - Elementary Teacher

Carol is from Saraguay. This is her second year in the tournament. Last year she was on the forward line, but this year she has played as a guard. She has proved to be a good guard and a good interceptor.

Pat Scharfe - 2nd. year B.Sc.

Pat is from Westmount where she played for Westmount High School. She played on the Senior team last year and this is her second year in the tournament. Come on Pat let's keep that defense tight and keep those teams out.

Dorothy Anderson - 1st. year B.Sc.

Dot is another new addition to our team. She played basketball for West Hill High School. She is a good, fast guard and is on the first line.

Marilyn is from Richmond where she played for Richmond High School. She is good on rebounds and she played well at Bishop's last Saturday. We hope she will keep up her good work this weekend.

Marijke Prins - Soph. Intermediate Teacher.

Marijke played for St. Agathe High School. Last year she was on the Macdonald Junior team but this year is playing on the Senior team. She is another fast guard and her height is quite an asset.

Beverley Simms - Soph. Intermediate Teacher.

Beverley hails from Granby. She was added from the Junior team to make the trip to the tournament.

The manager of the senior team is Mary Lou Black. She played last year but has undertaken the job of manager this year, and is the trophy and first aid kit carrier. Mary Lou has been busy the last couple of weeks arranging last minute details of the trip.

MEN'S ATHLETICS

Swimming Meet:

On Monday and Tuesday, Feb. 4th and 5th, swimming trials were held in the Men's Pool. Then on Wednesday, Feb. 6th, the finals were held in the Women's swimming pool.

Results: 50 yard free style - Martin Barnard, Bar Miller, Ian Baker
 100 yard free style - Martin Barnard, time 1:10. 7 min., E. Charrelli, Ian Baker.
 200 yard free style - Bar Miller, Time 2:43. 8 Min., E. Charrelli, Ian Baker.
 50 yard breast stroke - P. Ellis, Time 39.2 Sec., Dave Marsh, Dave Mahaffy.



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THE GOLD RUSH

Charles Chaplin

Sun. to Tue.-17, 18, 19.

RUN FOR THE SUN (Tech)

Richard Widmark, Jane Greer

-also-

THE LEATHER SAINT

John Derek, Jody Lawrence.

Wed. to Sat.-20, 21, 22, 23.

THE AMBASSADOR'S DAUGHTER (Cine Tech)

Olivia DeHavilland,

John Forsythe.

CRY IN THE NIGHT

Natalie Wood, Edmond O'Brien.

100 yard breast stroke - P. Ellis Time 1:38.4 Min., Dave Marsh.
 50 yard backstroke - Dave Marsh Time 48 Sec., Dave Mahaffy.
 Medley Relay - Freshmen
 200 yard free style relay - Freshmen

Class standing from swim meet:- Freshmen - 53 points Seniors - 11 points
 Teachers - 18 " Post Grads - 1 point.

Intercollegiate Hockey

Last Saturday, Feb. 9th., Mac's Hockey Team travelled to Troy, N.Y., to play the Rensselaer Polytechnic Institute Hockey Team. The game developed into a clean fast-skating duel with the Aggies in hand throughout. The line of Sealey, Baker and Beeler led the way with four goals. For R.P.I., Bilasky played an outstanding game. During the second period, Mac's goalie, Howie Goodly received a skate-cut on his left ear, but returned to finish the game. Scorers for Macdonald were: Baker, Logan, McCleary, Hamilton, Sealey and Allen each with one goal. Goal Getters for R.P.I. were Fitzgerald, Holbrook, Eustace, and Bilasky with one each. Final score - Mac - 8, R.P.I. - 4.

Interclass Hockey

Six games were played during the past week, with the league taking an unusual trend. At present the major contenders are the Teachers and the Junior Class. The Teachers lead with a total of 8 pts., followed by the Juniors with 6 pts.

Interclass Basketball

In the 'A' league, three games were played over the past week. The Sophomores beat the Seniors 22 to 10 while the Teachers edged the Freshmen 30 to 26. The Dips won by default over the Juniors leaving only one game to be played between the Seniors and the Freshmen. The Sophomores lead in the league with 10 points followed by the Teachers with 8 points. Dips are in 3rd place with 4 points.

In the 'B' league, four games were scheduled. In the first, the Sophomores beat the Freshmen 20 to 12 and later won over the Dips by default putting them on top in the league with 4 points. The Freshmen won over the Teachers by default but later the Teachers trounced the Dips 16 to 12. Both the Teachers and the Dips hold the second place in the league with 2 points each.

MAC AGGIES BOW TO LAVAL

The Mac Aggie basketball team played in Quebec City last Friday, Feb. 8th against Laval University. The Laval Squad took advantage of the home court and came out on top of the 57 to 47 score.

Big things are in store for the team this week. On Wednesday, they play at Loyola, on Thursday they play at C.M.R. and on Saturday, they challenge Bishops here at Mac. This latter game promises to be a real thriller and the team deserves some support.

BOXING TEAM LIES LOW

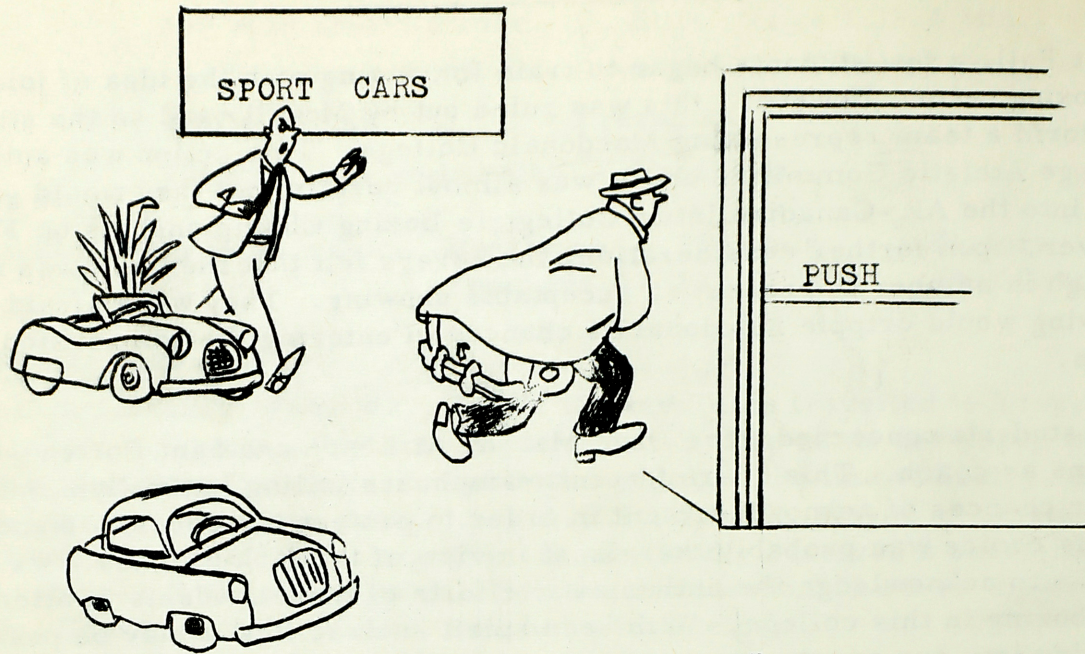
Last Fall, a few students began to train for boxing with the idea of joining McGill's Boxing team. However, this was ruled out by McGill, and so the students decided to form a team representing Macdonald College. This action was authorized by the College Athletic Committee and it was almost certain that they would gain admittance into the All-Canadian Inter-Collegiate Boxing Championships on February 6th. However, upon further consideration, the boxers felt that the team was not strong enough in number to present an acceptable showing. They were afraid that a poor showing would cripple Macdonald's chances of entering the competition in future years.

The students concerned were Dave Marsh, Al Leach and Sam Portch with John Stephens as coach. This quartet spent many hours toiling in the Gym only to give up their chances of acknowledgment in order to protect Macdonald's standing. Further, this choice was probably the wisest in view of the lack of funds. We would, however, like to acknowledge the enthusiastic efforts of these students in attempting to promote boxing in this college. With keen spirit such as this it may be possible to bring boxing into our sports program.

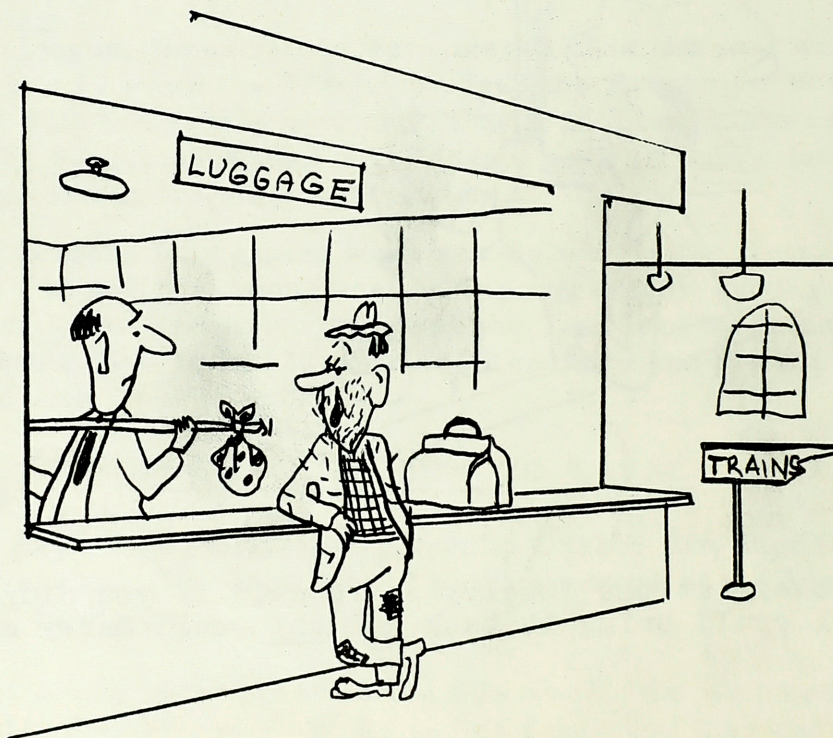
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"The clerk at the jewelry store said if you didn't like it, I could bring it back and she would marry me."



"One moment, sir!"

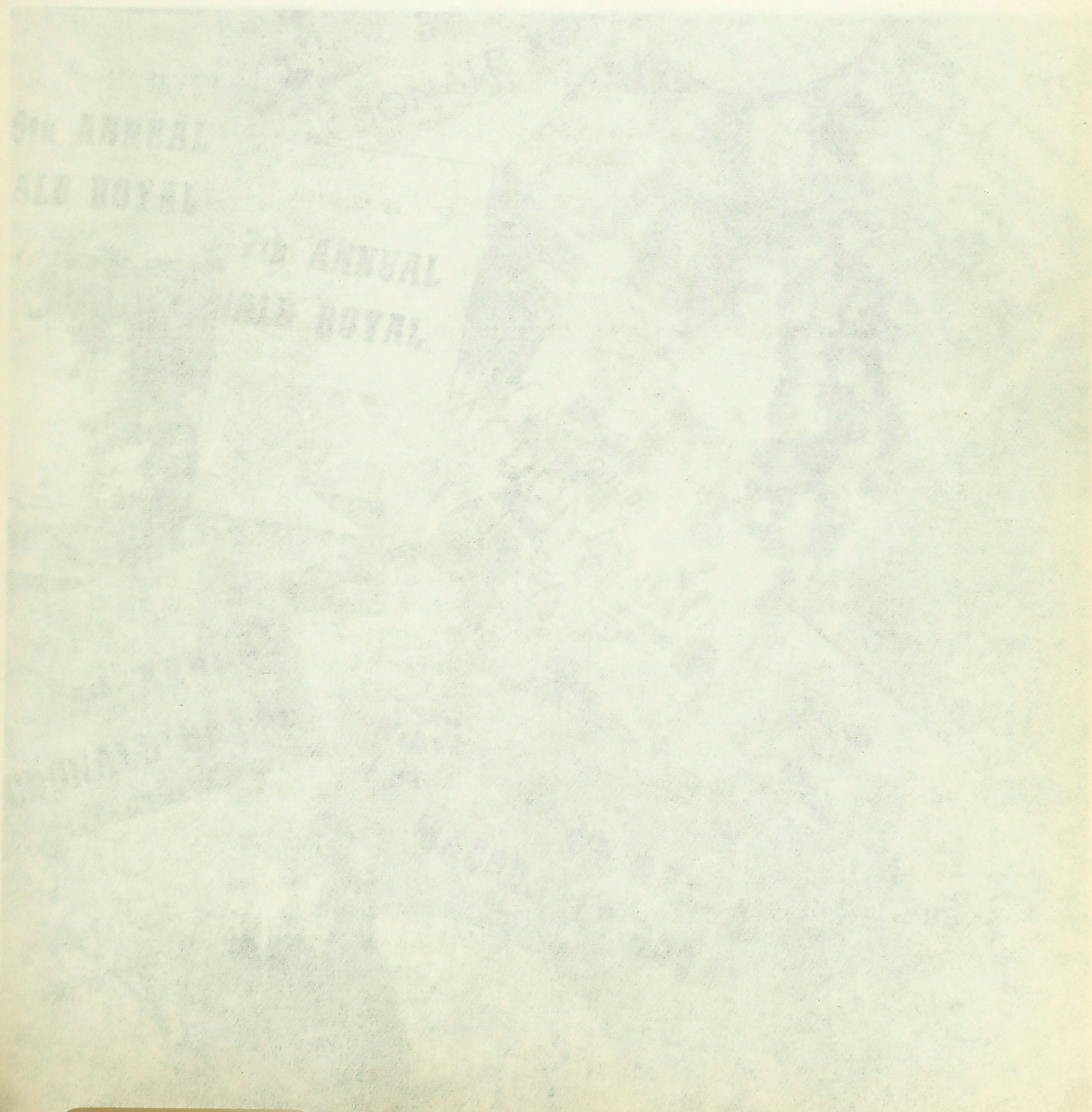


"Yeah, that's it."

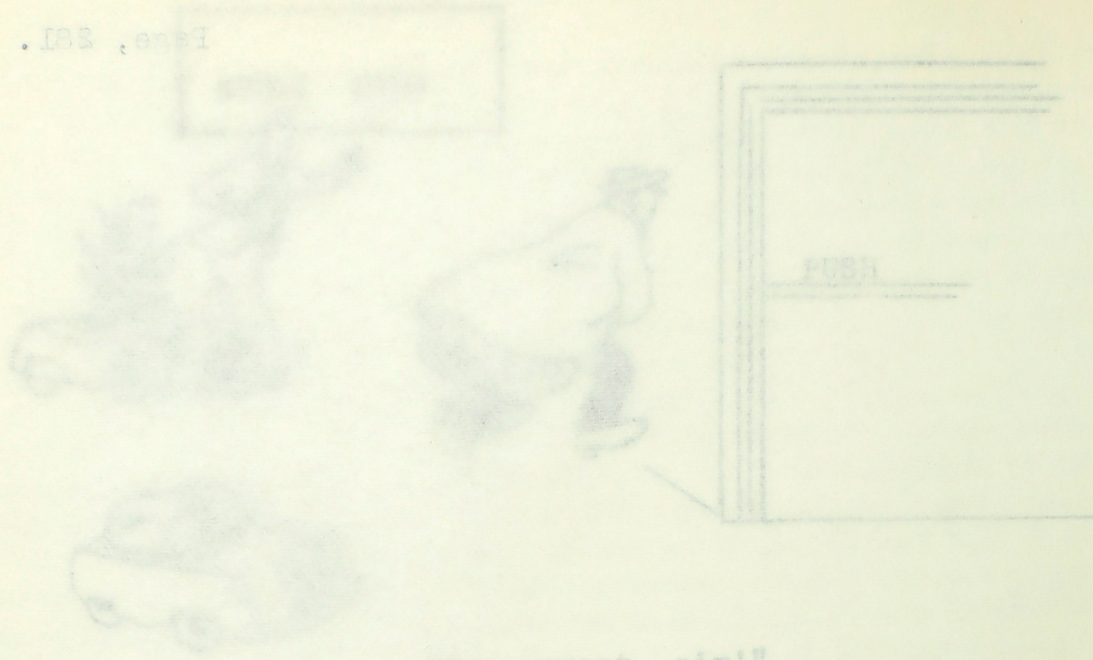
Jubilee of

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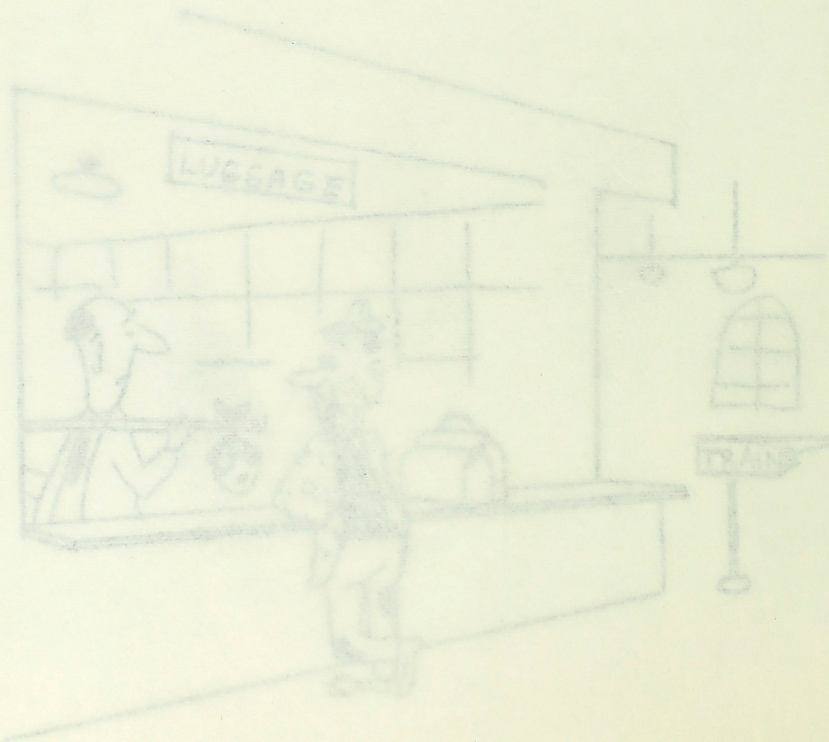
Achievements



Face, 1931



"The moment, sir!"



"Yeah, that's it."

Jubilee of Achievements



DEPARTMENT OF AGRICULTURAL ENGINEERING REVIEWS ITS GRADUATES

The most important contribution of the Department of Agricultural Engineering has been the training of students in the Agricultural Engineering option. The option was set up in 1944 and the first graduates left Macdonald College in 1946. Since that time 65 graduates have taken the Agricultural Engineering option and have gone out into a wide range of commercial fields, into federal and provincial civil service posts, and into education.

Of the 65 graduates, 5 have returned to farming, 2 are continuing their education, 1 presently training as a doctor and the other taking a course in education. In the Civil Service field there are 4 with the federal service and 13 in provincial posts. Most of these 13 are in Eastern Canada associated with Agricultural Engineering Extension in Nova Scotia, New Brunswick, Quebec, Prince Edward Island and Ontario. Of the 7 in the education field, 1 is in the United States, 1 is in Ontario and 1 is outside the country entirely. The other 4 are in Nova Scotia and these, as well as doing the work in the field of education, are also doing Agricultural Engineering Extension work in the province.

A wide range of commercial interests are to be found in the 24 graduates from the option in the commercial field. These range from privately-operated businesses owned by the graduate to various lines of farm implement work, such as salesmen, blockmen and fieldmen. Several of the graduates in the commercial field are associated with utility companies such as the Hydro Electric Power Commission of Ontario and the Shawinigan Water and Power Commission. Here the work being done is essentially in the extension field.

At least 1 graduate of the option has continued his studies to qualify for professional engineering standing, and several of the graduates have taken post-graduate work at Ontario or at American universities and most of them hold a M.Sc. degree or M.Sc. Agriculture degree.

Two of the graduates came to us from outside Canada and have gone back home to further agricultural engineering work in their home areas. Of these two, one is in the British West Indies and the other is in Malaya.

While it may be claimed that the progress made and stature gained by the graduates of the option is not necessarily the direct result of work taken in the option, nevertheless it must be recognized that the quality of the graduates and the success they attain enhances the standing of the option and of the College as a whole.

The Department has made a contribution to the general improvement of agriculture right across Canada through the distribution of plans and stencils of buildings, machines, and helpful gadgets. This service was instituted by Professor Heimpel who was chairman of the Department from its inception until the summer of 1951. In some years, as many as 6,000 items were mailed out covering a very wide range of subjects associated with Agricultural Engineering. In addition, a great many letters are addressed to the Department in which farmers and others from Newfoundland to British Columbia send in their problems asking for suggestions as to their solution. While attention to this correspondence requires considerable time, it is felt that the service is worthwhile, and the value to the College from the public relations standpoint is very great indeed.

DEPARTMENT OF ANIMAL HUSBANDRY AND THE LIVESTOCK SHOW

The Animal Husbandry department is pleased to have the opportunity of joining with the "College Royal" in celebrating its Tenth Annual Show. The theme Jubilee of Achievement would appear to be happily chosen, because of the growth of this organization, and its importance not only to the student body but to the community we serve. The livestock show which is an important part, has grown in size and usefulness. Being organized to enable students to demonstrate their abilities and skill in preparing and appraising animals, and to give them a greater appreciation of the importance of quality and type in the various classes of livestock, it has not only developed the skill and appreciation of the student but has attracted a lot of attention from the farming community. In addition, it provides a wonderful experience for those senior students who plan and organize the events in such a capable manner. The value of such training and experience cannot be overemphasized. Achievement and interest in such events continue with good organization and so long as the quality of exhibits attracts attention, the exhibits this year will maintain the high standard of the past.

One of the important reasons why farmers visit the "College Royal" is not only to see and appraise the exhibits, but to discover new things which may be useful to them. New ideas and new knowledge can change our whole outlook or pattern and the progressive farmer is not long in taking advantage of them. In this connection the recent work in the United States and Canada on hormones and antibiotics is revelent. These new additives in the rations of feeding cattle can increase the rate of gain and feed efficiency up to twenty percent. This is sufficient to change a loss to a reasonable profit. Those interested will find the exhibit of the Animal Husbandry option enlightening. The figures used are the results of an experiment conducted at Macdonald College last year with a group of young beef cattle. They are quite similar to other experimental findings and indicate not only the value of such work, but the need to keep informed at all times.

Of course this field is only recently opened up and much work remains to be done. The same is true of many other aspects of feeding, as well as breeding and livestock management. All this points to the growing need for high class personnel to do the work and even more rigid discipline in the training of students who become advisers and helpers in the agricultural field. Presently the need for graduates with livestock training, not only in the more applied fields of animal husbandry, but also in the many industries which are closely allied to livestock farming, is much greater than the supply. This applies to both degree and diploma course students. The position of the livestock specialist who can establish confidence and provide leadership is still as important as it has been in the past. The field of research offers much reward to those qualified.

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JUBILEE OF ACHIEVEMENTS IN THE SCHOOL OF HOUSEHOLD SCIENCE

Fifty years of achievement! How fortunate the person who can look back with pride on the past 50 years. Is such the position of Macdonald's Household Science Department?

(continued on page 5)

PLANT PATHOLOGY--ONE OF THE YOUNGEST OF THE PLANT SCIENCES

Before the dawn of history man must have been aware that his crops suffered from maladies for in ancient writings, including the Bible, there are references to blights, mildews and rusts, terms which apparently were used to cover a wide range of various types of plant diseases, but it was not until approximately one hundred years ago that he began to gain an understanding of the nature of the factors which caused disease in plants. Thus, plant pathology is one of the youngest of the plant sciences, but it has by now pretty well passed through the primary stages of recognizing and describing the different diseases afflicting our crops, discovering the causal agents and the working out of the life histories of the parasites responsible for various crop disorders.

During the past 35 years, more and more workers have been making efforts to penetrate through these relatively simple external features of plant disease phenomena to the intricate physiological aspects of the plant--parasite relations and the underlying causative processes, for the purpose of discovering such things as the attacking, parasitic, and disease-inducing mechanisms of the parasites, and gaining insight into the nature of the resistance and susceptibility of the host and its responses to the presence of the parasite. This is research of the most fundamental and complicated nature, but its pursuit holds out the hope and the promise, that it may lead to discoveries which will help greatly in designing more direct and effective disease controls. An important feature in this development of modern plant pathology has been the growing role of physics and chemistry in providing ideas and new techniques both for the solution of old problems and the recognition of new ones, demanding on the part of the worker on the physiology of disease a sound training in physiology, biochemistry and biophysics as well as pathology.

The staff and graduate students of the Department of Plant Pathology, since its inception in 1920, have for various reasons followed a varied programme of research, but in the main it has been directed along certain lines including:-

- (1) virus diseases
- (2) minor element deficiency diseases
- (3) diseases of fruits and vegetables especially
common scab of potatoes and apple scabs
- (4) post harvest spoilage of fruits and vegetables
- (5) diseases of cereal and forage crops
- (6) the host-parasite relations involved in certain
parasitic diseases

This effort has met with success in that it has produced a number of findings directly or indirectly helpful in the designing, improvement and intelligent application of plant disease control measures.

Before attempting to answer such a question, an explanation of the aims of this school is in order. At the College, Household Science is primarily a teaching department. Its staff members carry a heavy teaching schedule, leaving little or no time for research. Whether this is a good or a bad state of affairs, is beyond the scope of this article.

The achievements, then, can only be measured in terms of the contributions which graduates of this school have made to society. Has society benefited? I leave that answer to you. Here are the contributions as I, a very recent addition to the staff, find them.

A great many graduates have gone into the teaching field, serving in grade schools, high schools, and universities. Two became the heads of their respective departments, Ethel Rutter ('09) at the University of Saskatchewan, until she retired in 1940, and Jeannette Orr ('19) at Dean College, Mass. At the University of Montreal there is Hazel Bennett ('42) and at Cornell, Valerie Horn Gyrisco ('40). Our worthy opponent at Guelph has Jean Marie Oliver ('44), Helen Reid ('47) and Pat Lyons ('53) on its staff.

The field of journalism attracted home economists from the beginning, for I see by the files that in 1930, the editor of the "First National News" in Boston was Mary Meldrum ('18). Journalism's latest acquisition is Joy Guild ('47), who was recently made women's editor of the "Family Herald and Weekly Star".

But what of all those sciences stressed in this course? In addition to providing the necessary background for an intelligent understanding of nutrition, diet therapy, textiles and of cooking, it let Florence Farmer ('39) into the field of nutritional research, a doctorate, and an assistant professorship at her Alma Mater. At Chalk River, Myra Jean Millar ('46) is Research Officer of the Biology Department.

Among the nutritionists, Macdonald has contributed Helen Ross ('39), who is working with the City of Vancouver; Barbara Newell ('43) attached to the Canadian Red Cross Society after a stint with the British Ministry of Foods; and Marion McColl ('17) who was with the Metropolitan Life Insurance Company until she died in 1935. In 1946, the top woman's nutritional job in Canada went to Mary Janet Angus ('39) when she was made Chief Nutritionist for the Department of National Health and Welfare at Ottawa. During the war Mary was a Lt. (Diet.) with the R.C.A.M.S. overseas and was mentioned in despatches for manning 5 cook stoves directly behind the lines, despite flying shells. She is now Chief Messing Officer with the Civil Defence Training School at Arnprior.

Extension work is another of the fields which interests Macdonald Graduates. As early as 1918 they have been demonstrators for the Women's Institutes of Quebec, Prince Edward Island, Ontario and Nova Scotia.

The home canning bulletins of the Department of Agriculture were prepared by Margaret MacFarlane ('18) from 1918 to 1921 and by Lillian Heeney from 1932 to 1936. Laura Beattie ('25), Lenore Newman ('44) and Ruth Shaver ('47) have served with the consumer section of the same department.

But what of the best-known field, dietetics? A glance at the names of the

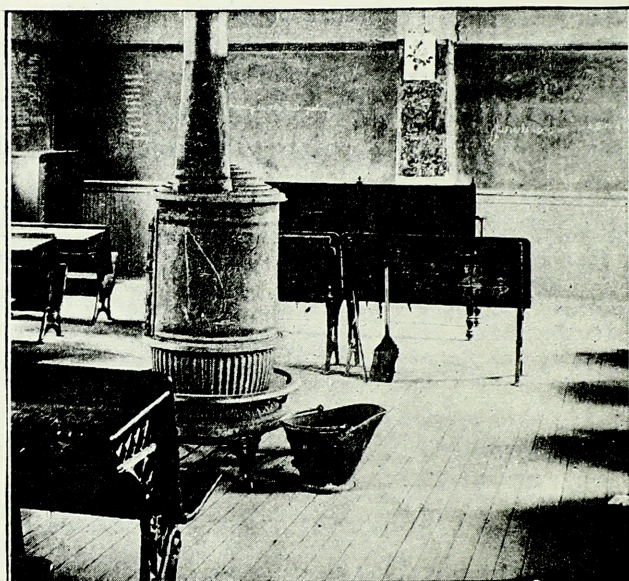
ACHIEVEMENTS IN THE HOME

ACHIEVEMENTS THROUGH
LEARNING



SCHOOL

ACHIEVEMENTS
THROUGH
IMPROVEMENTS



& FARM

ACHIEVEMENTS THROUGH
BREEDING



dietary staff of the Bell Telephone Company looks rather like a gathering of the clan: Irene Carpenter ('17), Head Dietitian, Jessie Naismith ('21), second in command; Louise Brittain ('28), Supervisor for Toronto and also three managers of dining services and one assistant manager. Hospitals, too, have their share of Macdonald graduates with Robertine Harquail ('39) at Ste. Anne's, Jean Macdiarmid ('29) Chief of Dietary Services for D.V.A. in Canada, Gladys Wynne ('49) Assistant Director at the Royal Victoria Hospital, Gwen Taylor ('25) and her Assistant Aynslee MacEwan ('43) at the Strong Memorial Hospital in Rochester, N.Y., and many others.

The number who have joined the forces in a dietary capacity is too great to enumerate here. Among them was Helen Neilson ('39) who was in charge of Eastern Air Command and was awarded the M.B.E. After the war she was a research nutritionist with the R.C.A.F. before taking on the responsibilities of the Director of Household Science here at Macdonald. This year she is on leave of absence in order to assist the University of Bangkok to establish their course in Home Economics.

From the foregoing it can be seen that there is no denying the versatility of the Home Economics graduates. And now to close I quote from the files: "Effie Robinson ('15); course, Institutional Housekeeping; 1942 reported to be 'Keeping house at home' ". Perhaps she and all the other 90% who married are contributing as much by helping to supply home economists of the future.

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SCHOOL BELLS AND THE INSTITUTE OF EDUCATION

A hundred years ago, a few handbells clanged in Lower Canada to call a small number of children to school. They had answered a bell in Montreal at the High School on Belmont Street until 1853. This seven-room school was sold at sheriff's auction, however, and by 1857 the pupils were assembling in a building at Burnside Hall.

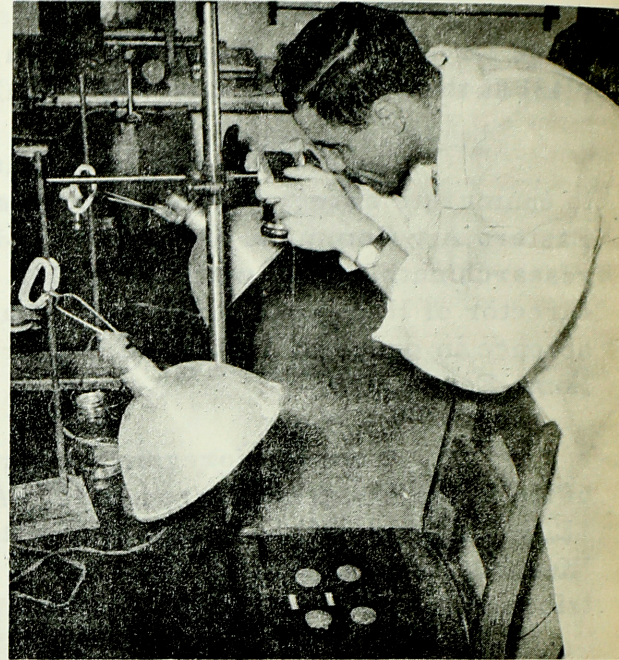
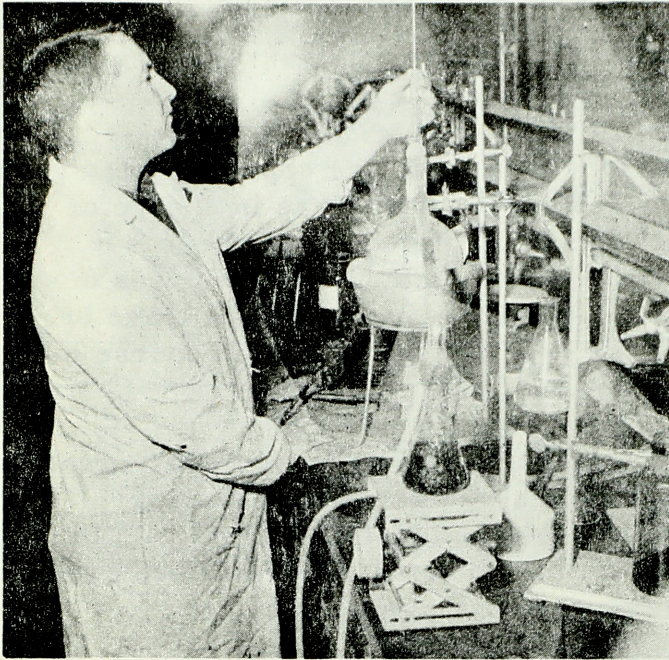
As the handbells clanged in the Eastern Townships, children trooped into one-room schools, warming themselves around the old barrel stove in the middle of the room before they settled down to work at their rough benches.

The day was spent mainly in memorizing and reciting. A hundred years ago, there was no Council of Education, no secondary school inspectors, no teacher training, no course of study, no authorized texts, and no outside examinations.

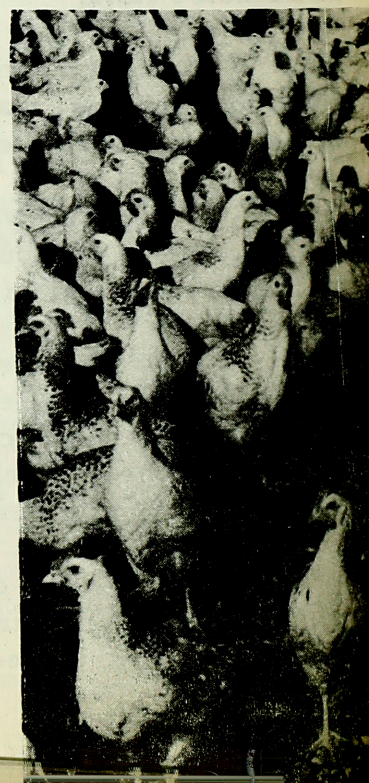
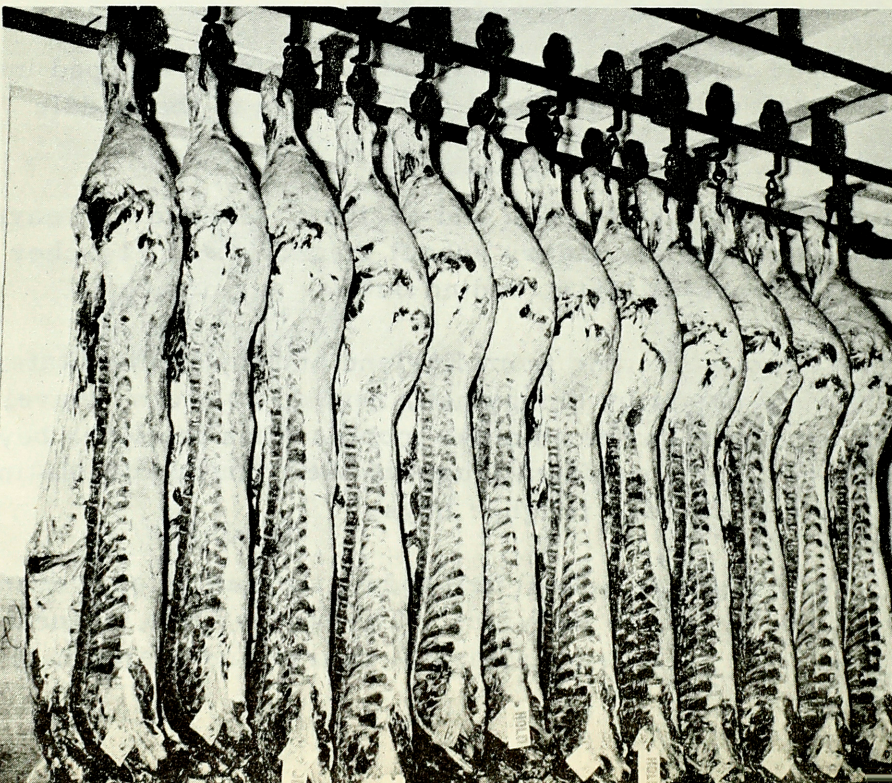
A few outstanding teachers had come from England and the United States, but most of the smaller schools were taught by clergymen, retired soldiers, traveling teachers, and occasionally by women in the summer months when the older boys stayed at home to work on the land. Women seldom taught in the country schools in the winter as only men could handle the older, rougher boys.

When the electric clock rings the school bell today, the call is answered by all children of elementary school age in the Province. The teacher is a trained member of a respected profession. He follows a provincial course and adapts it to

EXPERIMENTS IN THE LAB.



RESULTS IN THE FIELD



the needs of his pupils. Teachers are helped by inspectors and supervisors who visit the schools regularly and offer valuable assistance where it is needed. The rooms are bright, attractive, well-ventilated, and effectively lighted. The children spend most of their day in learning through discussion and by exploring new ideas and thoughts. In addition to the academic courses, there are now athletics, recreational activities, clubs and extensive libraries.

One hundred years ago, the school bell shut the child away from his immediate interests and needs. Today the bell calls him to a laboratory where he learns to live more fully as he grows.

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DEPARTMENT OF HORTICULTURE REVIEWS THE RECENT DEVELOPMENTS

The department of horticulture comprises four major fields of specialisation; pomology, vegetable crops, ornamentals, and food preservation.

Within recent years here have been many valuable developments in pomology. Of these, one of the most interesting is the discovery that decreasing yields of strawberries are attributable to wide-spread virus diseases. This knowledge has led to breeding programs designed to prevent the disappearance of declining varieties and to multiply yield. Virus-free strains are established by methods of heat treatment and systems of indexing and distributed to growers. Healthy plants may be distinguished from diseased ones by grafting them onto the European strawberry, Fragaria vesca.

Plant hormones are being used in various concentrations to increase the fruit set of apple trees, or to thin a heavy set or to prevent premature dropping at harvest time. This last effect results from a stimulation of petiole growth which delays the formation of the corky abscission layer.

An interesting recent development in fruit management is the attempt to replace hay mulches by sheets of polythene. This amazing plastic permits the passage of air and carbon dioxide but prevents the loss of soil moisture.

Turning to the vegetables we find an increased use by plant breeders of the phenomenon of male sterility in the production of bybrids. By this means it is possible to forego the tedious and costly process of emasculating the flowers of the plants chosen to be the female parents of, for instance, hybrid onions. More recent genetic triumphs include the triploid, seedless water-melon and the production of asparagus seed which will give rise exclusively to the heavier yielding male form of this dioecious plant.

There have been some interesting innovations in greenhouse practice. These include the use of intermittent mist for the propagation of cuttings in full sunlight. Fine nozzles maintain a thin film of water on the leaves during the day, cooling them and reducing transpiration. As the cuttings need no shading, roots develop in half the normal time, and the plants are kept in excellent condition.

In B.C. carnations and chrysanthemums are being grown in open frame

structures with a polythene roof. The polythene retards the loss of ground heat by radiation. Plants under these conditions have shown 100% increase in growth as compared to plants grown either in the greenhouse or unprotected outdoors. Cost of replacement of the polythene is comparatively low.

In Texas excessive heat in greenhouses is being combatted by the drawing of cool humid air through saturated wood excelsior padding by means of fans. In this way temperatures can be reduced by 15 or 20 degrees F. so that flowers can be cultivated in them throughout the year, even during July and August when plants grown under glass ordinarily suffer severely from the heat.

A new plastic is being used for the winter protection of broad-leaved evergreens and also for reducing transpiration in deciduous woody plants which have been transplanted in full leaf.

Owing to the highly perishable nature of most horticultural products much research is necessarily directed to preservation. As examples of modern methods, the use of growth inhibitors, of controlled atmosphere storage, and of vacuum cooling are described below.

Sprouting of potatoes and root crops in storage results in shrinkage and deterioration of market and cooking quality. In recent years maleic hydrazide and alpha naphthalene acetic acid have been found effective in retarding sprouting for several months even at unusually high temperatures.

Macintosh apples are susceptible to a low temperature disorder known as core flush when stored at 32 degrees F. To correct this, controlled atmosphere storage which permits the use of a higher storage temperature was developed. It differs from conventional storage in that the concentrations of oxygen and carbon dioxide are changed from 21% to 2%, and from 0. 3% to 5% respectively through the respiration of the fruit. These concentrations are carefully controlled in order to prevent core flush and extend storage life.

Deterioration of fresh produce such as lettuce begins immediately after harvest. Rapid cooling is the answer to maximum retention of quality. In the handling of lettuce the old method of harvesting, transferring to a packing shed, sorting, crate-icing and car-icing is being rapidly replaced by the vacuum cooling which permits field packing of the lettuce in cardboard boxes. These are transferred to giant cylinders holding as much as a car-load. A vacuum is pulled into the cylinders causing the evaporation of surface moisture on the lettuce. The cooling resulting from this evaporation will bring the temperature of the lettuce down to 33 degrees F. within 30 minutes.

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ADVANCE AND IMPROVEMENT OF AGRICULTURAL RESEARCH WITH THE DEPARTMENT OF ENTOMOLOGY

During the past ten years the efforts of the Entomology Department have been directed primarily toward the training of students to deal not only with existing problems, but also with new situations which require an understanding of the fundamental principles of zoology. This aim has always been ultimately practical: the advance and improvement of agricultural research.

Throughout this period there has always been a relatively large number of graduate students carrying out a variety of original research studies in the Department. Research developments during the past ten years include studies on the morphology of the insect head by Dr. E.M. DuPorte; the use of radioactive isotopes in toxicology, thin sectioning for study under the electron microscope and field studies of the clover root borer by Dr. F.O. Morrison and his graduate students; comparative physiological studies of the house cricket and other insects by Dr. J.E. McFarlane; and ecological studies of the field cricket by Dr. R.S. Bigelow.

Other developments include the appointment of Dr. R.S. Bigelow (Morphology and Taxonomy) in 1953 and Dr. J.E. McFarlane (Insect Physiology) in 1954, as well as the retirement of Dr. W.H. Brittain in 1955 and Professor W.E. Whitehead in 1956.

The current exhibit of the Entomology Department is designed to focus attention on a very recent development in insect control: the use of radiation in the control of stored products of insects.

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RESEARCH WORK IN THE DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

Research work in the Department of Agricultural Bacteriology, Macdonald College, has been developed to deal with problems in Soil Microbiology, Food Microbiology and Physiology of Micro-organisms. Studies in Soil Microbiology are essentially agricultural. Problems in Food Microbiology, although basically agricultural, may be only remotely related to agriculture, but the policy of the Department is to study the microbiology of agricultural food-products such as fruits. Studies of the physiology of micro-organisms may involve a wide variety of problems, the majority of which have little or no bearing on agriculture; part of the work of the department in this respect, however, is directed towards those problems that may help to explain the reason for the activity of specific micro-organisms that are predominant in various aspects of soil and food microbiology.

During the last ten years the following numbers of papers have been published in scientific journals (1947-1956).

On soils	12	(5 with post-graduate assistant)
On methods	4	
On fruits	3	(3 with post-graduate assistant)
On disinfectants	2	(2)
On alkaloids	1	(1)

It will be seen from this list that the emphasis has been on soil microbiology, but a great deal of attention is now being given to problems in various branches of the food industry; for micro-organisms are now recognized to be of great importance in the preparation, in storage, and in distribution of a great variety of foods. Post-graduate students have taken an active and intelligent part in much of the research exemplified by their theses as well as by the published papers. Some of the basic research in the physiology of micro-organisms has far-reaching applications; for example, the effects of sodium hydroxide on bacterial survival leads to the treatment

of stables and barns with household lye. Some of the post-graduate work has been published independently elsewhere, e.g. as part of the research of the Laboratory for Insect Pathology at Sault Ste. Marie, where it has been shown that a crystalline poison made by a bacillus kills caterpillars.

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POULTRY HUSBANDRY HAS MUCH TO GROW ABOUT

The poultry industry can point with pride to its achievements of the past decade. By comparative standards it has out paced other farm animal enterprises by a country mile and the prospects for the future are equally bright. Currently on the farm 3 lb. broilers can be produced in 9-10 weeks on less than 10 lbs. of feed, a dozen eggs on less than 5 lbs. of feed, a pound of Christmas turkey with 41 lbs. of feed and broiler turkeys even more efficiently.

Experimentally these production records have now been surpassed so that we may anticipate that newer developments will improve efficiency on poultry farms still further.

What has made this improvement possible? Progress in breeding, judging, management and disease control are the primary factors. The application of these advances is the foremost ingredient in the outstanding success of the formula.

In the breeding field it is estimated that present day poultry for meat purposes is 25% more efficient than twenty years ago. Nutrition, as such, has speeded growth of chicks another 20-25%. Here the discovery of new nutrients, a better understanding of interrelationships between nutrients and preparation of feeds supplying requirements for specific nutrients have played their part. The use of antibiotics, arsenicals and nitrofurans for the stimulation of growth and disease control, has brought disease problems incurred through intensive production practices under better control for more economical production. Thus a progressive and enlightened industry meets the challenge of the highly competitive agriculture of the present day.

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